

Status: Path 1 of [Dialog Information Services via Modem]

Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES

PLEASE LOGON:

***** HHHHHHHH SSSSSSSS?

Status: Signing onto Dialog

ENTER PASSWORD:

***** HHHHHHHH SSSSSSSS? *****

Welcome to DIALOG

Status: Connected

Dialog level 03.07.00D

Last logoff: 05feb04 15:13:21

Logon file001 06feb04 11:09:40

*** ANNOUNCEMENT ***

--File 654 - US published applications from March 15, 2001 to the present are now online. Please see HELP NEWS 654 for details.

--File 581 - The 2003 annual reload of Population Demographics is complete. Please see Help News581 for details.

--File 990 - NewsRoom now contains February 2003 to current records.
File 992 - NewsRoom 2003 archive has been newly created and contains records from January 2003. The oldest months's records roll out of File 990 and into File 992 on the first weekend of each month.
To search all 2003 records BEGIN 990, 992, or B NEWS2003, a new OneSearch category.

--Connect Time joins DialUnits as pricing options on Dialog.
See HELP CONNECT for information.

--SourceOne patents are now delivered to your email inbox as PDF replacing TIFF delivery. See HELP SOURCE1 for more information.

--Important news for public and academic libraries. See HELP LIBRARY for more information.

--Important Notice to Freelance Authors--
See HELP FREELANCE for more information

NEW FILES RELEASED

***DIOGENES: Adverse Drug Events Database (File 181)

***World News Connection (File 985)

***Dialog NewsRoom - 2003 Archive (File 992)

***TRADEMARKSCAN-Czech Republic (File 680)

***TRADEMARKSCAN-Hungary (File 681)

***TRADEMARKSCAN-Poland (File 682)

UPDATING RESUMED

RELOADED

***Population Demographics -(File 581)

***CLAIMS Citation (Files 220-222)

REMOVED

>>> Enter BEGIN HOMEBASE for Dialog Announcements <<<
>>> of new databases, price changes, etc. <<<

KWIC is set to 50.

HIGHLIGHT set on as '*'

* * * ALL NEW CURRENT YEAR RANGES HAVE BEEN * * *
* * * INSTALLED * * *

File 1:ERIC 1966-2004/Feb 04
(c) format only 2004 The Dialog Corporation

Set Items Description

--- -----

Cost is in DialUnits

?b 155, 5, 73

06feb04 11:09:53 User259876 Session D591.1

\$0.32 0.090 DialUnits File1

\$0.32 Estimated cost File1

\$0.05 TELNET

\$0.37 Estimated cost this search

\$0.37 Estimated total session cost 0.090 DialUnits

SYSTEM:OS - DIALOG OneSearch

File 155:MEDLINE(R) 1966-2004/Feb W1

(c) format only 2004 The Dialog Corp.

***File 155: Medline is updating again (12-22-2003).**

Please see HELP NEWS 154, for details.

File 5:Biosis Previews(R) 1969-2004/Feb W1

(c) 2004 BIOSIS

File 73:EMBASE 1974-2004/Feb W1

(c) 2004 Elsevier Science B.V.

Set Items Description

--- -----

?s (sol-gel)

S1 19 (SOL-GEL)

?rd

...completed examining records

S2 19 RD (unique items)

?s s2 and ((microanalytical or microarray or (micro (w) device))

>>>Unmatched parentheses

?s s2 and (microanalytical or microarray or (micro (w) device))

19 S2

1530 MICROANALYTICAL

22310 MICROARRAY

139634 MICRO

218293 DEVICE

9 MICRO(W)DEVICE

S3 0 S2 AND (MICROANALYTICAL OR MICROARRAY OR (MICRO (W)
DEVICE))

?t s2/3,k/all

2/3,K/1 (Item 1 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0014467957 BIOSIS NO.: 200300422801

Conformational and functional plasticity in hemoglobin.

AUTHOR: Friedman Joel Mitchel (Reprint)

AUTHOR ADDRESS: Albert Einstein College of Medicine, 1300 Morris Park Ave,
Bronx, NY, 10461, USA**USA

JOURNAL: Biophysical Journal 84 (2 Part 2): p157a February 2003 2003

MEDIUM: print

CONFERENCE/MEETING: 47th Annual Meeting of the Biophysical Society San Antonio, TX, USA March 01-05, 2003; 20030301
SPONSOR: Biophysical Society
ISSN: 0006-3495 _(ISSN print)
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

DESCRIPTORS:

...METHODS & EQUIPMENT: *sol-gel*

2/3,K/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014455692 BIOSIS NO.: 200300411354

Sol-gel encapsulation of amine oxidase.

AUTHOR: Elgren Timothy E (Reprint); Gordon Robert W G (Reprint); Juda Gregory; Dooley David M
AUTHOR ADDRESS: Department of Chemistry, Hamilton College, 198 College Hill Road, Clinton, NY, 13323, USA**USA
AUTHOR E-MAIL ADDRESS: telgren@hamilton.edu
JOURNAL: Abstracts of Papers American Chemical Society 225 (1-2): pINOR 159 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 225th American Chemical Society (ACS) National Meeting New Orleans, LA, USA March 23-27, 2003; 20030323
SPONSOR: American Chemical Society
ISSN: 0065-7727 _(ISSN print)
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

DESCRIPTORS:

METHODS & EQUIPMENT: *sol-gel*...

2/3,K/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014455691 BIOSIS NO.: 200300411353

Sol-gel encapsulated peroxidases: Catalytic materials for peroxidation.

AUTHOR: Elgren Timothy E (Reprint); Parker Robert M (Reprint); Rubino Jeffrey T (Reprint); Malcom Fletcher (Reprint); McGuire Jennifer (Reprint); Kinnel Robin B (Reprint); Rodgers Kent R; Smith Kevyn; Silvernail Nathan
AUTHOR ADDRESS: Department of Chemistry, Hamilton College, 198 College Hill Road, Clinton, NY, 13323, USA**USA
AUTHOR E-MAIL ADDRESS: telgren@hamilton.edu
JOURNAL: Abstracts of Papers American Chemical Society 225 (1-2): pINOR 158 2003 2003
MEDIUM: print
CONFERENCE/MEETING: 225th American Chemical Society (ACS) National Meeting New Orleans, LA, USA March 23-27, 2003; 20030323
SPONSOR: American Chemical Society
ISSN: 0065-7727 _(ISSN print)
DOCUMENT TYPE: Meeting; Meeting Abstract
RECORD TYPE: Citation
LANGUAGE: English

DESCRIPTORS:

...METHODS & EQUIPMENT: *sol-gel*

2/3,K/4 (Item 4 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014411674 BIOSIS NO.: 200300370393

Free and sol-gel immobilized alkaline phosphatase-based biosensor for the determination of pesticides and inorganic compounds.

AUTHOR: Garcia Sanchez F; Navas Diaz A (Reprint); Ramos Peinado M C; Belledone C

AUTHOR ADDRESS: Departamento de Quimica Analitica, Facultad de Ciencias, Universidad de Malaga, 29071, Malaga, Spain**Spain

AUTHOR E-MAIL ADDRESS: anavas@uma.es

JOURNAL: Analytica Chimica Acta 484 (1): p45-51 7 May 2003 2003

MEDIUM: print

ISSN: 0003-2670 (ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: *sol-gel*

2/3,K/5 (Item 5 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0014383029 BIOSIS NO.: 200300339772

Surface-localized release of nitric oxide via sol-gel chemistry.

AUTHOR: Robbins Mary E; Schoenfisch Mark H (Reprint)

AUTHOR ADDRESS: Department of Chemistry, University of North Carolina at Chapel Hill, Chapel Hill, NC, 27599, USA**USA

AUTHOR E-MAIL ADDRESS: schoenfi@email.unc.edu

JOURNAL: Journal of the American Chemical Society 125 (20): p6068-6069 May 21, 2003 2003

MEDIUM: print

ISSN: 0002-7863 (ISSN print)

DOCUMENT TYPE: Article

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: *sol-gel*

2/3,K/6 (Item 6 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0014261149 BIOSIS NO.: 200300219868

Investigation of structure and enantioselectivity of BSA-encapsulated sol-gel columns prepared for capillary electrochromatography.

AUTHOR: Sakai-Kato Kumiko; Kato Masaru; Nakakuki Haruna; Toyo'oka Toshimasa (Reprint)

AUTHOR ADDRESS: Department of Analytical Chemistry, School of Pharmaceutical Sciences, University of Shizuoka, 52-1 Yada Shizuoka, Shizuoka, 422-8526, Japan**Japan

AUTHOR E-MAIL ADDRESS: toyooka@ys2.u-shizuoka-ken.ac.jp

JOURNAL: Journal of Pharmaceutical and Biomedical Analysis 31 (2): p 299-309 26 February, 2003 2003

MEDIUM: print

ISSN: 0731-7085

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: *sol-gel*...

2/3,K/7 (Item 7 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0014004555 BIOSIS NO.: 200200598066

**Screening of antagonists based on induced dissociation of a
calmodulin-melittin interaction entrapped in a sol-gel derived matrix**

AUTHOR: Flora Kulwinder K; Keeling-Tucker Tracey; Hogue Christopher W;
Brennan John D (Reprint)

AUTHOR ADDRESS: Department of Chemistry, McMaster University, Hamilton,
Ont., L8S 4M1, Canada**Canada

JOURNAL: Analytica Chimica Acta 470 (1): p19-28 11 October, 2002 2002

MEDIUM: print

ISSN: 0003-2670

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: ...*sol-gel*

2/3,K/8 (Item 8 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0013795168 BIOSIS NO.: 200200388679

**Fate of Cryptosporidium oocysts in an immobilised titanium dioxide reactor
with electric field enhancement**

AUTHOR: Curtis T P (Reprint); Walker G; Dowling B M; Christensen P A

AUTHOR ADDRESS: Environmental Engineering, Department of Civil Engineering,
University of Newcastle, Newcastle Upon Tyne, NE1 7RU, UK**UK

JOURNAL: Water Research 36 (9): p2410-2413 May, 2002 2002

MEDIUM: print

ISSN: 0043-1354

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...*sol-gel*

2/3,K/9 (Item 9 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0013639708 BIOSIS NO.: 200200233219

**Immobilizing humic acid in a sol-gel matrix: A new tool to study
humic-contaminants sorption interactions**

AUTHOR: Laor Y; Zolkov C H; Armon R (Reprint)

AUTHOR ADDRESS: Faculty of Civil Engineering Environmental and Water
Resources Engineering, Technion, Haifa, 32000, Israel**Israel

JOURNAL: Environmental Science and Technology 36 (5): p1054-1060 March 1,
2002 2002

MEDIUM: print

ISSN: 0013-936X

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: ...*sol-gel*

2/3,K/10 (Item 10 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0013416089 BIOSIS NO.: 200200009600

Surface and biological evaluation of hydroxyapatite-based coatings on titanium deposited by different techniques

AUTHOR: Massaro C; Baker M A; Cosentino F; Ramires P A; Klose S; Milella E
(Reprint)

AUTHOR ADDRESS: Interdisciplinary Research Centre on Biomaterials,
University of Naples "Federico II", P. le Tecchio 80, 80125, Naples,
Italy**Italy

JOURNAL: Journal of Biomedical Materials Research 58 (6): p651-657 2001
2001

MEDIUM: print

ISSN: 0021-9304

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...biological evaluation, biomaterial,
composition, deposition, morphology, plasma-spray, *sol-gel*,
sputtered, structure, surface...

2/3,K/11 (Item 11 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0013389668 BIOSIS NO.: 200100561507

Amperometric biosensor for hydrogen peroxide based on sol-gel/hydrogel composite thin film

AUTHOR: Chen Xu; Wang Bingquan; Dong Shaojun (Reprint)

AUTHOR ADDRESS: Laboratory of Electroanalytical Chemistry, Changchun
Institute of Applied Chemistry, Chinese Academy of Sciences, Changchun,
130022, China**China

JOURNAL: Electroanalysis 13 (14): p1149-1152 October, 2001 2001

MEDIUM: print

ISSN: 1040-0397

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: ...*sol-gel*

2/3,K/12 (Item 12 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0012921871 BIOSIS NO.: 200100093710

Low-temperature synthesis, structure, and bioactivity of gel-derived glasses in the binary CaO-SiO₂ system

AUTHOR: Saravanapavan Priya (Reprint); Hench Larry L

AUTHOR ADDRESS: Centre for Tissue Engineering, Department of Materials,
Imperial College of Science, Technology and Medicine, Prince Consort
Road, London, SW7 2BP, UK**UK

JOURNAL: Journal of Biomedical Materials Research 54 (4): p608-618 March
15, 2001 2001

MEDIUM: print

ISSN: 0021-9304

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...*sol-gel*

2/3,K/13 (Item 13 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0012921867 BIOSIS NO.: 200100093706

Long-term in vivo bioactivity and degradability of bulk sol-gel bioactive glasses

AUTHOR: Hamadouche Moussa (Reprint); Meunier Alain; Greenspan David C; Blanchat Cinderella; Zhong Jipin P; La Torre Guy P; Sedel Laurent

AUTHOR ADDRESS: Laboratoire de Recherches Orthopediques, Faculte de Medecine Lariboisiere-St Louis, Universite D. Diderot Paris VII, 10 Avenue de Verdun, 75010, Paris, France**France

JOURNAL: Journal of Biomedical Materials Research 54 (4): p560-566 March 15, 2001 2001

MEDIUM: print

ISSN: 0021-9304

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: *sol-gel*...

2/3,K/14 (Item 14 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

(c) 2004 BIOSIS. All rts. reserv.

0012628975 BIOSIS NO.: 200000347288

Bacteriostatic action of a novel four-component bioactive glass

AUTHOR: Bellantone Maria (Reprint); Coleman Nichola J; Hench Larry L

AUTHOR ADDRESS: Department of Materials, Imperial College of Science Technology and Medicine, Prince Consort Road, London, SW7 2BP, UK**UK

JOURNAL: Journal of Biomedical Materials Research 51 (3): p484-490

September 5, 2000 2000

MEDIUM: print

ISSN: 0021-9304

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

...METHODS & EQUIPMENT: *sol-gel*

2/3,K/15 (Item 15 from file: 5)

DIALOG(R)File 5:Biosis Previews(R)

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0012466282 BIOSIS NO.: 200000184595

Detection of riboflavin based on fluorescence enhancement of evanescent-wave excited beta-cyclodextrin complex in sol-gel-derived porous coatings

AUTHOR: Wang Chi-Chang; Li Chia-i; Lin Yi-Hua; Chau Lai-Kwan (Reprint)

AUTHOR ADDRESS: Department of Chemistry, National Chung Cheng University, Ming-Hsiung, Chia-Yi, 621, Taiwan**Taiwan

JOURNAL: Applied Spectroscopy 54 (1): p15-19 Jan., 2000 2000

MEDIUM: print

ISSN: 0003-7028

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...*sol-gel*

2/3,K/16 (Item 16 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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0012331697 BIOSIS NO.: 200000050010

Thin sol-gel-derived silica coatings on dental pure titanium casting

AUTHOR: Yoshida Keiichi (Reprint); Kamada Kohji; Sato Koichi; Hatada Ruriko
; Baba Koumei; Atsuta Mitsuru

AUTHOR ADDRESS: Department of Fixed Prosthodontics, Nagasaki University
School of Dentistry, 1-7-1, Sakamoto, Nagasaki, 852-8588, Japan**Japan
JOURNAL: Journal of Biomedical Materials Research 48 (6): p778-785 1999
1999

MEDIUM: print

ISSN: 0021-9304

DOCUMENT TYPE: Article

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: ...*sol-gel*

2/3,K/17 (Item 17 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0012314876 BIOSIS NO.: 200000033189

Sol-gel materials for electrochemical biosensors

AUTHOR: Wang Joseph (Reprint)

AUTHOR ADDRESS: Department of Chemistry and Biochemistry, New Mexico State
University, Las Cruces, NM, 88003, USA**USA

JOURNAL: Analytica Chimica Acta 399 (1-2): p21-27 Nov. 8, 1999 1999

MEDIUM: print

ISSN: 0003-2670

DOCUMENT TYPE: Article; Literature Review

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

CHEMICALS & BIOCHEMICALS: *Sol-gel*...

2/3,K/18 (Item 18 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0011887368 BIOSIS NO.: 199900147028

Bioactive-gel compositions and methods

AUTHOR: Zhong J; Greenspan D C

AUTHOR ADDRESS: Gainesville, Fla., USA**USA

JOURNAL: Official Gazette of the United States Patent and Trademark Office
Patents 1219 (4): p3271 Feb. 23, 1999 1999

MEDIUM: print

PATENT NUMBER: US 5874101 PATENT DATE GRANTED: Feb. 23, 1999 19990223

PATENT CLASSIFICATION: 424-426 PATENT ASSIGNEE: USBIOMATERIALS CORP.

PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Citation

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: ...*SOL-GEL*

2/3,K/19 (Item 19 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2004 BIOSIS. All rts. reserv.

0008795781 BIOSIS NO.: 199395098047

Analysis of dynamic and stationary pattern formation in the cell cortex

AUTHOR: Lewis M A (Reprint); Murray J D

AUTHOR ADDRESS: Dep. Mathematics, Univ. Utah, Salt Lake City, UT 84112, USA

**USA

JOURNAL: Journal of Mathematical Biology 31 (1): p25-71 1992

ISSN: 0303-6812

DOCUMENT TYPE: Article

RECORD TYPE: Abstract

LANGUAGE: English

DESCRIPTORS:

MISCELLANEOUS TERMS: ...*SOL-GEL*

?ds

Set	Items	Description
S1	19	(SOL-GEL)
S2	19	RD (unique items)
S3	0	S2 AND (MICROANALYTICAL OR MICROARRAY OR (MICRO (W) DEVICE-))

?logoff

06feb04 11:12:34 User259876 Session D591.2

\$0.26 0.083 DialUnits File155

\$0.26 Estimated cost File155

\$2.55 0.455 DialUnits File5

\$33.25 19 Type(s) in Format 3

\$33.25 19 Types

\$35.80 Estimated cost File5

\$0.64 0.065 DialUnits File73

\$0.64 Estimated cost File73

OneSearch, 3 files, 0.603 DialUnits FileOS

\$0.75 TELNET

\$37.45 Estimated cost this search

\$37.82 Estimated total session cost 0.693 DialUnits

Status: Signed Off. (3 minutes)